

Telescope & Target Test Equipment

Description:

As described in EN 167 in order to measure power, prism and astigmatism of the oculars.

It comprises a calibrated telescope, fitted with a headform for mounting the eye protectors in the as-worn position. The headform has 20 mm diameter holes drilled through from front to back at each eye position, at a pupillary distance of 64/54mm (adult/child). This assembly stands on a bench so that the telescope is at the eye level of the operator.

Located 4.6m away from the end of the telescope, at the same level, is an illuminated, optical target which the operator observes through the telescope and test sample eye protectors. The target may be rotated in order to align the principal axis of the oculars. The control for this motorised rotation, and for the brightness of the illumination, is located at the operator position by the telescope. The target should be mounted (by you) on a small shelf, supported by 2 angle brackets from a convenient wall.

The focussing of the telescope is electronically digitised and the measurement of refractive power is shown on a digital display.

Services required:

Bench and wall mounted. 230/115vac, 50/60Hz mains electricity – please specify.

Approximate packed size & weight:

60 x 60 x 100 cm : 75 Kg.

Relevant standard:

BS EN 167 : 2002, paras 3.1 and 3.2.1

Delivery: Approximately 12 weeks from receipt of order and deposit.

Effective May 2008

